

Recombinant Human ACOT8 Protein, GST-Tagged

Cat. No. ACOT8-170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACOT8 full-length ORF (NP_005460.2, 1 a.a. - 319 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a peroxisomal thioesterase that appears to be involved more in the oxidation of fatty acids rather than in their formation. The encoded protein can bind to the human immunodeficiency virus-1 protein Nef, and mediate Nef-induced down-regulation of CD4 in T-cells. [provided by RefSeq, Oct 2010]
Molecular Mass	62.3 kDa
AA Sequence	MSSPQAPEDGQGCGDRGDPPGDLRSVLVTTVLNLEPLDEDLFRGRHYWVPAKRLF GGQIVGQALVAAKSVSEDVHVHSLHCYFVRAGDPKLPVLYQVERTRTGSSFSVRS VKAVQHGKPIFICQASFQQAQPSPMQHQQFSMPTVPPPEELDCETLIDQYL RDPNLQ KRYPLALNRIAAQEVPKPNPSPLSQLQRMEPKQMFVVRARGYIGEGDMKMH CVAAYISDYAFLGTALLPHQWQHVKVHFMVSLDHSMWFHAPFRADHWMLYECESP WAGGSRGLVHGRLWRQDGLAVTCAQEGVIRVKPQVSESKL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ACOT8 acyl-CoA thioesterase 8 [Homo sapiens]
Official Symbol	ACOT8
Synonyms	ACOT8; acyl-CoA thioesterase 8; peroxisomal acyl CoA thioesterase , peroxisomal acyl CoA thioesterase 1 , PTE1; acyl-coenzyme A thioesterase 8; choloyl CoA hydrolase; hACTE III; hTE; PTE 2; thioesterase II; thioesterase III; choloyl-CoA hydrolase; palmitoyl-CoA hydrolase; choloyl-coenzyme A thioesterase; long-chain fatty-acyl-CoA hydrolase; peroxisomal acyl-CoA thioesterase 1; HIV-Nef associated acyl-CoA thioesterase; peroxisomal long-chain acyl-CoA thioesterase 1; peroxisomal acyl-coenzyme A thioester hydrolase 1; PTE1; PTE2; PTE-1; PTE-2; HNAACTE; hACTE-III;
Gene ID	10005
mRNA Refseq	NM_005469
Protein Refseq	NP_005460
MIM	608123

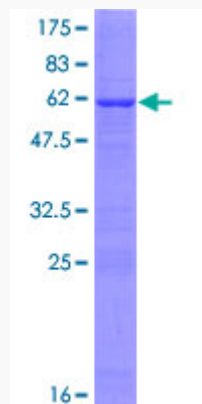
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UniProt ID

O14734



12.5% SDS-PAGE Stained with Coomassie Blue.

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